

TELFORD 25



Built according to a distinctive hybrid design philosophy, the multipurpose Telford 25 DP3 vessel includes a large unobstructed deck, an 800mt capacity crane with active heave compensated (AHC) features, a heave compensated gangway and the option of installing a modular rigid/flexible pipelay system.



Accommodation & Hook Up



Offshore Construction



DP3 Pipelay



SURF



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SPECIFICATIONS

General

Classification	ABS A1 Barge, PAS, DPS-3, CRC Gibraltar
Flag	ZDIS3
IMO Number	8770106
Delivery	February 2009

Principal Dimensions

Length Overall	118.80 m
Breadth	30.40 m
Extreme Breadth	36.40 m
Depth Main Deck	8.40 m
Operating Draft	5.00 m
Maximum Draft <i>(Retractable thruster deployed)</i>	8.94 m
Gross Tonnage	4 638 t
Net Tonnage	14 829 t

Accommodation

Fully air-conditioned permanent accommodation for up to 379 persons in cabins all with individual bathroom facilities. Including conference room, offices, cinema, gymnasium, recreation rooms, laundry, internet café as well as a hospital.

379 berths in 105 cabins

- 5 x 1 person cabins
- 13 x 2 persons cabins
- 87 x 4 persons cabins

DP System

Kongsberg K-POS 22	Aft Working Bridge
Kongsberg K-POS 12	Fore Navigation Bridge

Power Plant

Main Generators <i>(Caterpillar)</i>	4 x Diesel Engines type CAT 3516 B (1825 kW)
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Main Deck

Deck Area	Approx. 1 500 m ²
Deck Strength	10t/m ²

Gangway

Electric-Hydraulic Telescopic Personnel Transfer Gangway <i>(Uptime/Marine Aluminium)</i>	
Operational length	36.50 m

Cranage

Mast Crane <i>(Huisman-Itrec)</i>	
Main Hoist	800mt @30m over the stern 800mt @26m revolving
Whip Hoist <i>(man-riding)</i>	120mt @33.50m 3 falls 100mt @39.00m 2 falls (AHC) 50mt @72.00m 1 fall (AHC)
Pedestal Crane <i>(TTS Marine)</i>	
Main Hoist	34mt @20m 22mt @30m
Aux. Hoist <i>(man-riding)</i>	5mt @31m

Propulsion

Bow Thruster <i>(Rolls Royce)</i>	1 x electrically driven 1355kW
Stern Thruster <i>(Rolls Royce)</i>	2 x FPP azimuth, 1920kW each direct driven diesel
Fore/Aft Thruster <i>(Rolls Royce)</i>	4 x FPP retractable azimuth, 1920kW each direct driven diesel

Cargo Capacities

Dead weight	7936t
Fuel Oil	2296.30 m ³
Lube Oil	168.20 m ³
Fresh Water	2596.90 m ³
Ballast Water	7115.60 m ³

Radio/Communication

V-Sat Antenna <i>(Intellian V150NX)</i>	
GMDSS Areas 1,2 & 3	
EPIRB	
SART	
Integrated Telephone System	
Sound Powered Telephone	
Public Address System	

DP Reference System

2 x Radius 1000 <i>(independent operated)</i>
3 x DGPS Receivers
3 x Gyro Compass
3 x Motion Reference Units
1 x Lightweight Tautwire
1 x HIPAP 500
1 x Gangway <i>(if connected)</i>
1 x Spot Track
3 x Wind Sensors

Helideck

ABS, CAP437 8th Edition compliant suitable for Sikorsky S-92A Helibus

Max. "D"	22.20m
Max. T.O.W.	13t
Helideck Monitoring System	100
Fixed Foam System	<i>(3 monitors)</i>
Heli-Refueling System	<i>(SyPack)</i>

Endurance

Fresh Water	2 x 50t/24hrs 1 x 200t/24hrs
Fuel Oil <i>(typical)</i>	
Harbor	5m ³ /24hrs
Transit <i>(2 x aft thrusters only)</i>	20m ³ /24hrs
DP	15m ³ /24hrs

Lifesaving Appliances

Liferafts	32 x 25 persons
Lifeboats	4 x 106 persons 2 x 102 persons
Fast Rescue Boat	1 x 6 persons

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